EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S1	1	"6645369".pn.	US-PGPUB; USPAT	ADJ	ON	2007/04/04 15:11
S2	108	96/155.ccls.	US-PGPUB; USPAT	ADJ	ON	2007/04/02 11:09
S3	41	S2 and @py<="1999"	US-PGPUB; USPAT	ADJ	ON	2007/04/02 11:12
S4	953	"96".clss.	US-PGPUB; USPAT	ADJ	ON	2007/04/02 11:14
S5	0	S4 and @py<="1999"	US-PGPUB; USPAT	ADJ	ON	2007/04/02 11:13
S6	0	S4 and @py<="1999"	US-PGPUB; USPAT	ADJ	ON	2007/04/02 11:14
S7	283	S4 and hydrocarbon	US-PGPUB; USPAT	ADJ	ON	2007/04/02 11:16
S8	0	S7 and cycone	US-PGPUB; USPAT	ADJ	ON	2007/04/02 11:17
S9	17	S7 and cyclone	US-PGPUB; USPAT	ADJ	ON	2007/04/02 11:31
S10	38	"196".clss.	US-PGPUB; USPAT	ADJ	ON	2007/04/02 11:35
S11	337	"44".clss.	US-PGPUB; USPAT	ADJ	ON	2007/04/02 11:38
S12	0	S11 and @py<="1999"	US-PGPUB; USPAT	ADJ	ON	2007/04/02 11:36
S13	0	S11 and @py<"1999"	US-PGPUB; USPAT	ADJ	ON	2007/04/02 11:37
S14	0	"44".ccls.	US-PGPUB; USPAT	ADJ	ON	2007/04/02 11:38
S15	337	"44".clss.	US-PGPUB; USPAT	ADJ	ON	2007/04/02 11:39
S16	1158	"208".clss.	US-PGPUB; USPAT	ADJ	ON	2007/04/02 11:40
S17	300	"202".clss.	US-PGPUB; USPAT	ADJ	ON	2007/04/02 11:44
S18	6	("4354852"|"5186836"|"5253403"|"5526684"|"5586998"|"5624642").PN.	US-PGPUB; USPAT	ADJ	ON	2007/04/02 11:44

S19	20	("3414386" | "3630687" | "3668116" | "3693324" | "4012314" | "4151073" | "4221653" | "4294593" | "4354852" | "4804458" | "4874583" | "4886644" | "4902407" | "4950459" | "5066467" | "5219532").PN. OR ("5624642").URPN.	US-PGPUB; USPAT; USOCR	ADJ	ON	2007/04/02 11:49
S20	20	("3414386" | "3630687" | "3668116" | "3693324" | "4012314" | "4151073" | "4221653" | "4294593" | "4354852" | "4804458" | "4874583" | "4886644" | "4902407" | "4950459" | "5066467" | "5219532").PN. OR ("5624642").URPN.	US-PGPUB; USPAT; USOCR	ADJ	ON	2007/04/02 11:46
S21	17	("3414386" | "3630687" | "3668116" | "3693324" | "4012314" | "4151073" | "4221653" | "4294593" | "4354852" | "4804458" | "4874583" | "4886644" | "4902407" | "4950459" | "5066467" | "5219532").PN.	US-PGPUB; USPAT; USOCR	ADJ	ON	2007/04/02 11:54
S22	0	EP-732389-$.did.	US-PGPUB; USPAT	ADJ	ON	2007/04/02 11:49
S23	1	EP-732389-$.did.	DERWENT	ADJ	ON	2007/04/02 11:51
S24	7	("4414100" | "4455220" | "5053082" | "5123939" | "5186836").PN. OR ("5586998").URPN.	US-PGPUB; USPAT; USOCR	ADJ	ON	2007/04/02 13:08
S25	2	EP-732389-$.did.	EPO; DERWENT	ADJ	ON	2007/04/02 13:08
S26	14	("4053291" | "4760742" | "4860591").PN. OR ("5526684").URPN.	US-PGPUB; USPAT; USOCR	ADJ	ON	2007/04/02 13:44
S27	4023	flow divider	US-PGPUB; USPAT; USOCR	ADJ	ON	2007/04/02 13:44
S28	765	S27 and (gas and liquid)	US-PGPUB; USPAT; USOCR	ADJ	ON	2007/04/03 16:32
S29	123	S28 and hydrocarbon	US-PGPUB; USPAT; USOCR	ADJ	ON	2007/04/02 13:46

EAST Search History

S30	439	S28 and @py<="1999"	US-PGPUB; USPAT; USOCR	ADJ	ON	2007/04/02 13:47
S31	59	S29 and @py<="1999"	US-PGPUB; USPAT; USOCR	ADJ	ON	2007/04/02 13:47
S32	12	("2650675" | "3955948" | "4746340" | "4865633").PN. OR ("5186836").URPN.	US-PGPUB; USPAT; USOCR	ADJ	ON	2007/04/02 14:00
S33	12	("2650675" | "3955948" | "4746340" | "4865633").PN. OR ("5186836").URPN.	US-PGPUB; USPAT; USOCR	ADJ	ON	2007/04/02 14:14
S34	14	("2786801" | "2849930" | "3552932").PN. OR ("4354852").URPN.	US-PGPUB; USPAT; USOCR	ADJ	ON	2007/04/02 14:15
S35	1	"6354318".pn.	US-PGPUB; USPAT	ADJ	ON	2007/04/02 14:26

EAST Search History

| S36 | 115 | ("1834065" \| "4055480" \| "4087261" \| "4144754" \| "4200789" \| "4210015" \| "4215567" \| "4282760" \| "4292011" \| "4294695" \| "4396508" \| "4403911" \| "4429581" \| "4431534" \| "4441361" \| "4441362" \| "4528919" \| "4604902" \| "4641679" \| "4646273" \| "4660414" \| "4705114" \| "4730634" \| "4760742" \| "4776210" \| "4793418" \| "4800921" \| "4802361" \| "4813270" \| "4822484" \| "4824614" \| "4852395" \| "4881412" \| "4884457" \| "4924695" \| "4974446" \| "4974452" \| "4979880" \| "5020359" \| "5025160" \| "5033288" \| "5036710" \| "5047632" \| "5049823" \| "5083452" \| "5095983" \| "5127272" \| "5149344" \| "5150061" \| "5156537" \| "5173195" \| "5195380" \| "5203211" \| "5209765" \| "5214284" \| "5218840" \| "5224372" \| "5226482" \| "5235684" \| "5251488" \| "5254292" \| "5259239" \| "5287782" \| "5290151" \| "5306911" \| "5353627" \| "5353646" \| "5375618" \| "5375976" \| "5377714" \| "5390547" \| "5393202" \| "5400657" \| "5415024" \| "5431228" \| "5437299" \| "5447370" \| "5456120" \| "5461930" \| "5483171" \| "5485743" \| "5526684" \| "5531112" \| "5561245" \| "5575615" \| "5575625" \| "5580214" \| "5586027" \| "5591922" \| "5597961" \| "5608170" \| "5631413" \| "5635631" \| "5646352" \| "5654551" \| "5660532" \| "5660617" \| "5661237" \| "5661248" \| "5680899" \| "5698791" \| "5706211" \| "5707427" \| "5710717" \| "5711338" \| "5736637" \| "5741977" \| "5747674" \| "5770068" \| "5775879" \| "5777278" \| "5792962" \| "5793216" \| "5810032").PN. | US-PGPUB; USPAT; USOCR | ADJ | ON | 2007/04/02 14:36 |

S37	1	"4951700".pn.	US-PGPUB; USPAT	ADJ	ON	2007/04/02 14:36
S38	2	GB-2036606-$.did.	EPO; DERWENT	ADJ	ON	2007/04/03 14:49
S39	2	GB-2284165-$.did.	EPO; DERWENT	ADJ	ON	2007/04/03 14:51
S40	0	DE-1258393-$.did.	EPO; DERWENT	ADJ	ON	2007/04/03 14:51
S41	0	DE-1258393B-.did.	EPO; DERWENT	ADJ	ON	2007/04/03 14:52
S42	0	AU-8233882-$.did.	EPO; DERWENT	ADJ	ON	2007/04/03 14:53
S43	2	"5624642".pn.	USPAT; EPO; DERWENT	ADJ	ON	2007/04/03 14:54
S44	2	"4354852".pn.	USPAT; EPO; DERWENT	ADJ	ON	2007/04/03 14:55
S45	1535	(vortex and cyclone) and separator	US-PGPUB; USPAT	ADJ	ON	2007/04/03 15:02
S46	325	S45 and (gas and liquid and hydrocarbon)	US-PGPUB; USPAT	ADJ	ON	2007/04/03 15:04
S47	10	S46 and (primary and secondary separator)	US-PGPUB; USPAT	ADJ	ON	2007/04/03 15:10
S48	1	"5584985".pn.	US-PGPUB; USPAT	ADJ	ON	2007/04/03 15:10
S49	6	("2402845" | "4313910" | "4664888").PN. OR ("6296812"). URPN.	US-PGPUB; USPAT; USOCR	ADJ	ON	2007/04/03 15:46
S50	1	"6164308".pn.	US-PGPUB; USPAT; USOCR	ADJ	ON	2007/04/03 15:47
S51	0	ep-0085206-$.did.	DERWENT	ADJ	ON	2007/04/03 16:33
S52	7207	"422".clss.	US-PGPUB; USPAT	ADJ	ON	2007/04/04 11:43
S53	496	422/255,291,312.ccls.	US-PGPUB; USPAT	ADJ	ON	2007/04/04 11:44
S54	136	((gas/liquid) or (gas and liquid)) and ((primary adj separator and secondary adj separator))	US-PGPUB; USPAT	ADJ	ON	2007/04/04 15:16
S55	87	S54 and hydrocarbon	US-PGPUB; USPAT	ADJ	ON	2007/04/04 15:16

S56	9	("4221653" | "4810359" | "4886644" | "4971678" | "5066467" | "5389238" | "5624642" | "RE25770").PN.	US-PGPUB; USPAT; USOCR	ADJ	ON	2007/04/04 15:20
S57	1	"6164308".pn.	US-PGPUB; USPAT	ADJ	ON	2007/04/05 13:32
S58	1	gb-2036606-$.did.	FPRS; DERWENT	ADJ	ON	2007/04/05 13:32
S59	1	"6645369".pn.	US-PGPUB; USPAT	ADJ	ON	2007/07/25 13:26
S60	111	96/155.ccls.	US-PGPUB; USPAT	ADJ	ON	2007/07/25 13:26
S61	41	S60 and @py<="1999"	US-PGPUB; USPAT	ADJ	ON	2007/07/25 13:26
S62	1013	"96".clss.	US-PGPUB; USPAT	ADJ	ON	2007/07/25 13:26
S63	0	S62 and @py<="1999"	US-PGPUB; USPAT	ADJ	ON	2007/07/25 13:26
S64	0	S62 and @py<="1999"	US-PGPUB; USPAT	ADJ	ON	2007/07/25 13:26
S65	302	S62 and hydrocarbon	US-PGPUB; USPAT	ADJ	ON	2007/07/25 13:26
S66	0	S65 and cycone	US-PGPUB; USPAT	ADJ	ON	2007/07/25 13:26
S67	38	"196".clss.	US-PGPUB; USPAT	ADJ	ON	2007/07/25 13:26
S68	17	S65 and cyclone	US-PGPUB; USPAT	ADJ	ON	2007/07/25 13:26
S69	347	"44".clss.	US-PGPUB; USPAT	ADJ	ON	2007/07/25 13:26
S70	0	S69 and @py<="1999"	US-PGPUB; USPAT	ADJ	ON	2007/07/25 13:26
S71	0	S69 and @py<"1999"	US-PGPUB; USPAT	ADJ	ON	2007/07/25 13:26
S72	1189	"208".clss.	US-PGPUB; USPAT	ADJ	ON	2007/07/25 13:26
S73	316	"202".clss.	US-PGPUB; USPAT	ADJ	ON	2007/07/25 13:26
S74	0	"44".ccls.	US-PGPUB; USPAT	ADJ	ON	2007/07/25 13:26
S75	347	"44".clss.	US-PGPUB; USPAT	ADJ	ON	2007/07/25 13:26

S76	6	("4354852"|"5186836"|"5253403"|"5526684"|"5586998"|"5624642").PN.	US-PGPUB; USPAT	ADJ	ON	2007/07/25 13:26
S77	20	("3414386" | "3630687" | "3668116" | "3693324" | "4012314" | "4151073" | "4221653" | "4294593" | "4354852" | "4804458" | "4874583" | "4886644" | "4902407" | "4950459" | "5066467" | "5219532").PN. OR ("5624642").URPN.	US-PGPUB; USPAT; USOCR	ADJ	ON	2007/07/25 13:26
S78	0	EP-732389-$.did.	US-PGPUB; USPAT	ADJ	ON	2007/07/25 13:26
S79	20	("3414386" | "3630687" | "3668116" | "3693324" | "4012314" | "4151073" | "4221653" | "4294593" | "4354852" | "4804458" | "4874583" | "4886644" | "4902407" | "4950459" | "5066467" | "5219532").PN. OR ("5624642").URPN.	US-PGPUB; USPAT; USOCR	ADJ	ON	2007/07/25 13:26
S80	17	("3414386" | "3630687" | "3668116" | "3693324" | "4012314" | "4151073" | "4221653" | "4294593" | "4354852" | "4804458" | "4874583" | "4886644" | "4902407" | "4950459" | "5066467" | "5219532").PN.	US-PGPUB; USPAT; USOCR	ADJ	ON	2007/07/25 13:26
S81	2	EP-732389-$.did.	EPO; DERWENT	ADJ	ON	2007/07/25 13:26
S82	14	("4053291" | "4760742" | "4860591").PN. OR ("5526684").URPN.	US-PGPUB; USPAT; USOCR	ADJ	ON	2007/07/25 13:26
S83	4087	flow divider	US-PGPUB; USPAT; USOCR	ADJ	ON	2007/07/25 13:26
S84	1	EP-732389-$.did.	DERWENT	ADJ	ON	2007/07/25 13:26
S85	782	S83 and (gas and liquid)	US-PGPUB; USPAT; USOCR	ADJ	ON	2007/07/25 13:26
S86	128	S85 and hydrocarbon	US-PGPUB; USPAT; USOCR	ADJ	ON	2007/07/25 13:26

S87	7	("4414100" | "4455220" | "5053082" | "5123939" | "5186836").PN. OR ("5586998").URPN.	US-PGPUB; USPAT; USOCR	ADJ	ON	2007/07/25 13:26
S88	439	S85 and @py<="1999"	US-PGPUB; USPAT; USOCR	ADJ	ON	2007/07/25 13:26
S89	59	S86 and @py<="1999"	US-PGPUB; USPAT; USOCR	ADJ	ON	2007/07/25 13:26
S90	13	("2650675" | "3955948" | "4746340" | "4865633").PN. OR ("5186836").URPN.	US-PGPUB; USPAT; USOCR	ADJ	ON	2007/07/25 13:26
S91	14	("2786801" | "2849930" | "3552932").PN. OR ("4354852").URPN.	US-PGPUB; USPAT; USOCR	ADJ	ON	2007/07/25 13:26
S92	13	("2650675" | "3955948" | "4746340" | "4865633").PN. OR ("5186836").URPN.	US-PGPUB; USPAT; USOCR	ADJ	ON	2007/07/25 13:26
S93	1	"6354318".pn.	US-PGPUB; USPAT	ADJ	ON	2007/07/25 13:26

EAST Search History

| S94 | 115 | ("1834065" \| "4055480" \| "4087261" \| "4144754" \| "4200789" \| "4210015" \| "4215567" \| "4282760" \| "4292011" \| "4294695" \| "4396508" \| "4403911" \| "4429581" \| "4431534" \| "4441361" \| "4441362" \| "4528919" \| "4604902" \| "4641679" \| "4646273" \| "4660414" \| "4705114" \| "4730634" \| "4760742" \| "4776210" \| "4793418" \| "4800921" \| "4802361" \| "4813270" \| "4822484" \| "4824614" \| "4852395" \| "4881412" \| "4884457" \| "4924695" \| "4974446" \| "4974452" \| "4979880" \| "5020359" \| "5025160" \| "5033288" \| "5036710" \| "5047632" \| "5049823" \| "5083452" \| "5095983" \| "5127272" \| "5149344" \| "5150061" \| "5156537" \| "5173195" \| "5195380" \| "5203211" \| "5209765" \| "5214284" \| "5218840" \| "5224372" \| "5226482" \| "5235684" \| "5251488" \| "5254292" \| "5259239" \| "5287782" \| "5290151" \| "5306911" \| "5353627" \| "5353646" \| "5375618" \| "5375976" \| "5377714" \| "5390547" \| "5393202" \| "5400657" \| "5415024" \| "5431228" \| "5437299" \| "5447370" \| "5456120" \| "5461930" \| "5483171" \| "5485743" \| "5526684" \| "5531112" \| "5561245" \| "5575615" \| "5575625" \| "5580214" \| "5586027" \| "5591922" \| "5597961" \| "5608170" \| "5631413" \| "5635631" \| "5646352" \| "5654551" \| "5660532" \| "5660617" \| "5661237" \| "5661248" \| "5680899" \| "5698791" \| "5706211" \| "5707427" \| "5710717" \| "5711338" \| "5736637" \| "5741977" \| "5747674" \| "5770068" \| "5775879" \| "5777278" \| "5792962" \| "5793216" \| "5810032").PN. | US-PGPUB; USPAT; USOCR | ADJ | ON | 2007/07/25 13:26 |

EAST Search History

S95	1	"4951700".pn.	US-PGPUB; USPAT	ADJ	ON	2007/07/25 13:26
S96	2	GB-2036606-$.did.	EPO; DERWENT	ADJ	ON	2007/07/25 13:26
S97	2	GB-2284165-$.did.	EPO; DERWENT	ADJ	ON	2007/07/25 13:26
S98	0	DE-1258393-$.did.	EPO; DERWENT	ADJ	ON	2007/07/25 13:26
S99	0	DE-1258393B-.did.	EPO; DERWENT	ADJ	ON	2007/07/25 13:26
S100	0	AU-8233882-$.did.	EPO; DERWENT	ADJ	ON	2007/07/25 13:26
S101	2	"5624642".pn.	USPAT; EPO; DERWENT	ADJ	ON	2007/07/25 13:26
S102	2	"4354852".pn.	USPAT; EPO; DERWENT	ADJ	ON	2007/07/25 13:26
S103	1562	(vortex and cyclone) and separator	US-PGPUB; USPAT	ADJ	ON	2007/07/25 13:26
S104	331	S103 and (gas and liquid and hydrocarbon)	US-PGPUB; USPAT	ADJ	ON	2007/07/25 13:26
S105	10	S104 and (primary and secondary separator)	US-PGPUB; USPAT	ADJ	ON	2007/07/25 13:26
S106	1	"5584985".pn.	US-PGPUB; USPAT	ADJ	ON	2007/07/25 13:26
S107	6	("2402845" | "4313910" | "4664888").PN. OR ("6296812"). URPN.	US-PGPUB; USPAT; USOCR	ADJ	ON	2007/07/25 13:26
S108	1	"6164308".pn.	US-PGPUB; USPAT; USOCR	ADJ	ON	2007/07/25 13:26
S109	0	ep-0085206-$.did.	DERWENT	ADJ	ON	2007/07/25 13:26
S110	7476	"422".clss.	US-PGPUB; USPAT	ADJ	ON	2007/07/25 13:26
S111	501	422/255,291,312.ccls.	US-PGPUB; USPAT	ADJ	ON	2007/07/25 13:26
S112	136	((gas/liquid) or (gas and liquid)) and ((primary adj separator and secondary adj separator))	US-PGPUB; USPAT	ADJ	ON	2007/07/25 13:26
S113	87	S112 and hydrocarbon	US-PGPUB; USPAT	ADJ	ON	2007/07/25 13:26

S11 4	9	("4221653" | "4810359" | "4886644" | "4971678" | "5066467" | "5389238" | "5624642" | "RE25770").PN.	US-PGPUB; USPAT; USOCR	ADJ	ON	2007/07/25 13:26
S11 5	1	"6164308".pn.	US-PGPUB; USPAT	ADJ	ON	2007/07/25 13:26
S11 6	1	gb-2036606-$.did.	FPRS; DERWENT	ADJ	ON	2007/07/25 13:26
S11 7	196	208/308.ccls.	US-PGPUB; USPAT	ADJ	ON	2007/07/25 15:48
S11 8	1	S117 and (liquid same vortex)	US-PGPUB; USPAT	ADJ	ON	2007/07/25 15:28
S11 9	441	196/46.ccls.	US-PGPUB; USPAT	ADJ	ON	2007/07/25 15:49
S12 0	8	S119 and (gas near2 liquid same separat$3)	US-PGPUB; USPAT	ADJ	ON	2007/07/25 15:51
S12 1	15	S119 and (gas near2 liquid)	US-PGPUB; USPAT	ADJ	ON	2007/07/25 15:55
S12 2	1	"6645369".pn.	US-PGPUB; USPAT	ADJ	ON	2007/07/25 15:55